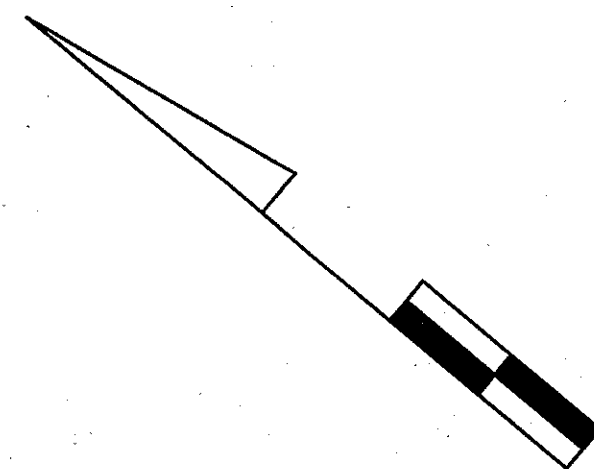


DRILL HOLES

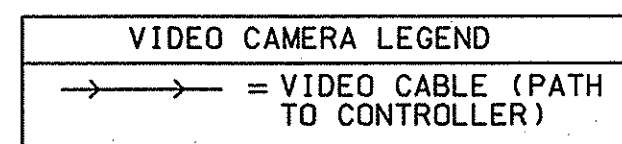
DRILL HOLES

DRILL HOLES

BORDER REV. DATE: JUNE 1, 2004

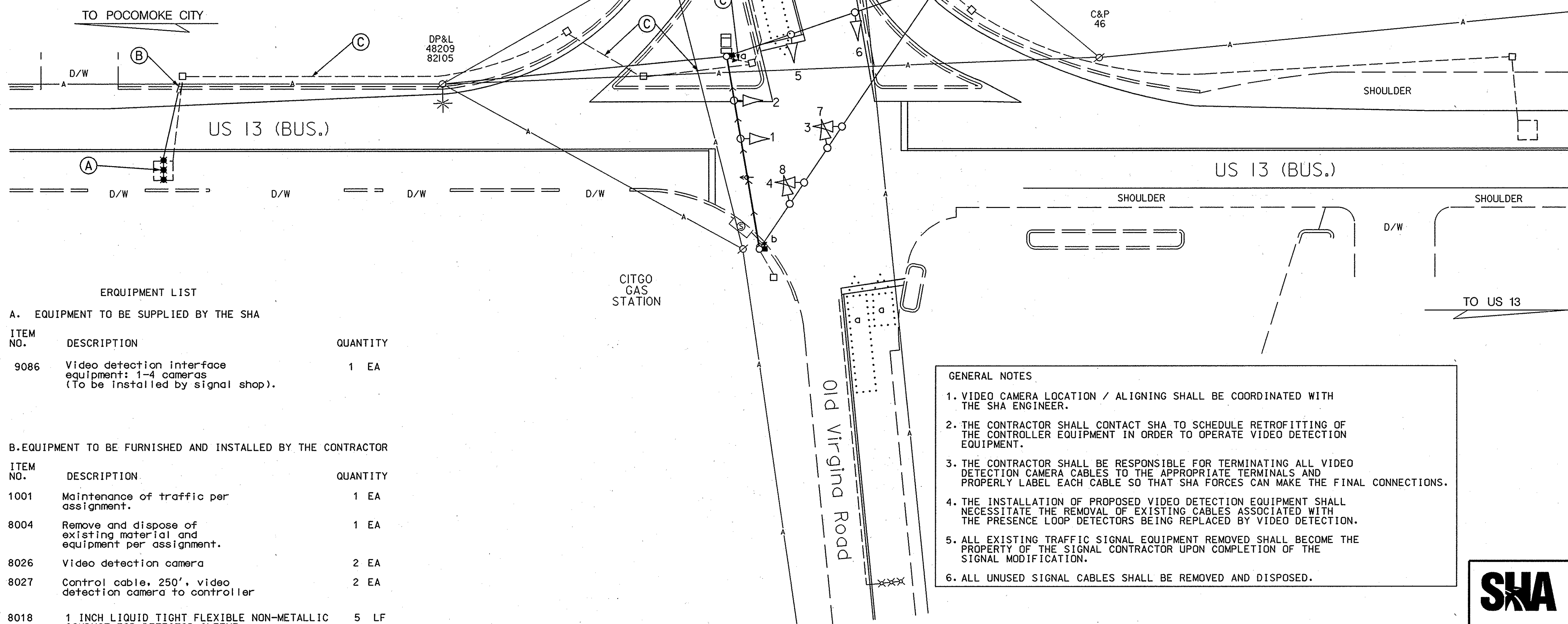


US 13 (BUS.) IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

- 1 A INSTALL MICRO-LOOP PROBE SET
- 1 B FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
- 1 C USE EXISTING CONDUIT AND OR HANDBOX



EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	Video detection interface equipment: 1-4 cameras (To be installed by signal shop).	1 EA

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8004	Remove and dispose of existing material and equipment per assignment.	1 EA
8026	Video detection camera	2 EA
8027	Control cable, 250', video detection camera to controller	2 EA
1 8018	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE	5 LF
1 8021	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE	1 EA
1 8031	SAW CUT FOR SIGNAL - LOOP DETECTOR	25 LF

PROPOSED CAMERAS

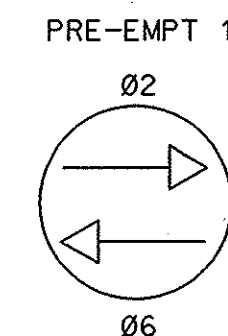
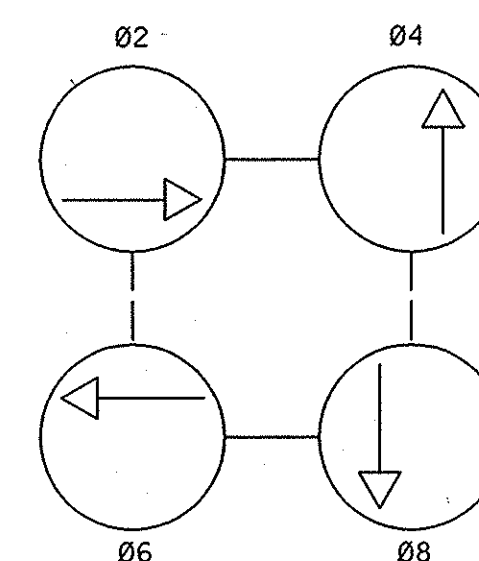
— VIDEO DETECTION CAMERA (a-b)

EXISTING SIGNALS

1-8  
R  
Y  
G  
8"

— OPTICOM DETECTOR

NEMA PHASING

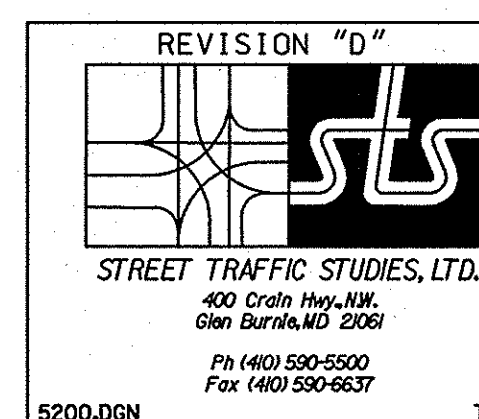


PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

REVISION D APPROVAL *[Signature]* 11/3/06



APPROVALS

TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS

1	REPLACE LOOP DETECTOR WITH VIDEO DETECTION REVISION 1	11/03/2006	SHA No. AT7259185
2	SHA AT7259185	8-15-2005	INSTALL OPTICOM SB US 13 (BUS) & REPLACE CABINET
3	SHA AT7259185	4-12-1997	SHA NO. 859-23066 / 855-23034
4	ASBUILT		
5	RRZ		

TRAFFIC SIGNAL PLAN

SCALE 1"=20'	DATE 7-27-1976	CONTRACT NO. W0 533-501-185
DESIGNED BY BRUCE THOMPSON	COUNTY WORCESTER	
DRAWN BY BRUCE THOMPSON	LOGMILE 23B11300.50	
CHECKED BY A. BUDNICHUK	TIMS NO. 1093	
F.A.P. NO.	TOD NO.	
TS NO. 1441D	DRAWING NO. 1 OF 1	SHEET NO. OF

PLOTTED: FRIDAY, NOVEMBER 03, 2006 AT 1:47:39 PM  
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